

# Geography Major

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## About

The Department of Geography and the Environment offers B.A. degrees in Geography and Environmental Studies, and a B.S. in Environmental Science. The department also offers minors in Geography and Sustainability Studies. The department's overarching objective is to integrate the disciplines of geography and environmental science to seek an understanding of human and environmental patterns, the processes that produce those spatial patterns, and salient human and environmental problems that face modern society. The department has three teaching and five research labs; and the department has a full suite of state-of-the-art geospatial software and equipment.

**Program:** [Geography and the Environment](#)

**Type:** Bachelor of Arts

## MAJOR (37 credits)

The B.A. in Geography provides a well-rounded and useful education and marketable skills to students with interests in the spatial patterns of society and the environment. It focuses on the interactions of humans with the natural and physical environments of Earth from a special perspective. Towards this end, the program's graduates will have a fundamental understanding of the human social dynamics and physical patterns and processes at the Earth's surface, such as globalization, climatic variation and natural disasters within the context of places, landscapes, and regions. Graduates will also be trained in the use of geospatial technologies as tools in addressing many modern concerns. The program is founded on the principle that geographical knowledge of place, space, and scale can provide essential insights into contemporary social and environmental issues and variation in human cultures and behaviors, and promotes the idea that such insight is critical to managing the Earth at local, regional and global scales.

Program Notes:

- A 1000-level GEV topics course may substitute for either GEV 1002 or GEV 1003.

### Required Major Courses:

Item #	Title	Credits
GEV 1002	Geo. of a Globalizing World	3
GEV 1003	Geo. of Earth's Environments	3
GEV 1750	Geo-Techniques	4
GEV 2001	Prof Dev in Geo and Env	1
GEV 2500	Global Change in Local Places	3
GEV 4700	Geographic Information Systems	4
GEV 6005	Senior Research Seminar	1
GEV 6006	Research Colloquium	
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	GEV Independent Study Requirement	3-6
	GEV Regional Perspectives Course	3
	GEV Geospatial Technology Course	3
	Geography Electives for B.A.	9

## Category Descriptions

### GEV Independent Study Requirement

Credits: 3-6

- Choose GEV 6200: Independent Study (3 cr) OR
  - GEV 6210 and 6220: Senior Thesis I & II (6 cr – 3 cr of which count as a free elective)

Item #	Title	Credits
GEV 6200	Independent Study	3
Item #	Title	Credits
GEV 6210	Senior Thesis Research I	3
GEV 6220	Senior Thesis Research II	3

## GEV Regional Perspectives Course

Credits: 3

Choose one Regional Perspectives course from the list.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GEV 3500	Geography of North America	3
GEV 3515	Geography of Africa	3
GEV 3522	Geography of the Middle East	3

## GEV Geospatial Technology Course

Credits: 3

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GEV 3521	GIS for Urban Sustainability	3
GEV 3750	Remote Sensing	3
GEV 3790	Global Positioning Systems	4
GEV 4710	Adv. Geographic Info Sys	4

## Geography Electives for B.A.

Credits: 9

Select 3 classes from this list.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GEV 2525	Population Geography	3
GEV 3004	Geographies Envrnl Justice	3
GEV 3500	Geography of North America	3
GEV 3501	Geomorphic Environments	3
GEV 3503	Earth's Weather Systems	3
GEV 3515	Geography of Africa	3
GEV 3521	GIS for Urban Sustainability	3
GEV 3522	Geography of the Middle East	3
GEV 3550	Natural Hazards	3
GEV 3570	Land Use Planning & Mgmt	3
GEV 3580	Natural Res and Conservation	3
GEV 3750	Remote Sensing	3
GEV 3790	Global Positioning Systems	4
GEV 4352	Physical Geology	3
GEV 4510	Special Topics in Geography	3
GEV 4511	Climate Variability	3
GEV 4512	Medical Geography	3
GEV 4513	Geography of National Security	3
GEV 4514	Geomorphology	3
GEV 4516	Environmental Security	3
GEV 4518	COVID-19 Pandemic	3
GEV 4710	Adv. Geographic Info Sys	4